

SECTION 10550
POSTAL SPECIALTIES

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Vertical mailboxes.
 - 2. Parcel lockers.

1.2 SUBMITTALS

- A. Product Data: For each type of postal specialty specified. Include details of construction relative to materials, dimensions of individual components, profiles, and finishes.
 - 1. Provide manufacturer's certification that equipment proposed complies with USPS regulations and has been approved by the Postmaster General.
- B. Shop Drawings: For each type of postal specialty specified. Show details of fabrication and installation. Include plans, elevations, sections, and attachments to other work.
- C. Samples for Verification: Full-size units of each type of exposed color and finish required for each type of postal specialty specified. Where finishes involve normal color and texture variations, include Sample sets showing the full range of variations expected.

1.3 QUALITY ASSURANCE

- A. Source Limitations: Obtain mail chutes and receiving and collection boxes through one source from a single manufacturer to ensure that mail will flow without restriction from the chute into the box.
- B. Where mail system is served by USPS, provide products approved by USPS.
- C. Requirements of Regulatory Agencies: Comply with USPS requirements for construction and installation of units served by USPS.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Horizontal and Vertical Mailboxes:
 - a. American Device Manufacturing Company.

- b. Auth-Florence Manufacturing Company.
 - c. Bommer Industries, Inc.
 - d. Salisbury Industries.
2. Parcel Lockers:
- a. American Device Manufacturing Company.
 - b. Auth-Florence Manufacturing Company.
 - c. Bommer Industries, Inc.
 - d. Salisbury Industries.

2.2 METALS

- A. Aluminum: Alloy and temper best suited for the intended use and finish indicated.
- 1. Plate and Sheet: ASTM B 209 (ASTM B 209M), mill finish, where not exposed.
 - 2. Extruded Bars and Shapes: ASTM B 221 (ASTM B 221M).

2.3 VERTICAL MAILBOXES

- A. General: Provide vertical-style mailboxes complying with USPS Publication 17 in size and with features indicated.
- B. General: Provide vertical-style mailboxes in size and with features indicated.
- 1. Fabricate concealed components of units from manufacturer's standard aluminum or steel sheet.
 - 2. Each gang of box units opens by mail carrier's key, tilting forward to receive incoming mail. Tenant's key only operates a single, side-hinged compartment door.
- C. Doors and Frames: Manufacturer's standard ganged and nested units with cardholder for tenant's identification behind each box. Construct doors with concealed, full-length, flush hinges and with slots to receive tenants' names and numbers. Fabricate doors and frames from extruded aluminum.
- 1. Number Identification: As shown or, if not shown, as selected by Architect from manufacturer's standards.
 - 2. Locking: A 5-pin tumbler, cylinder lock capable of at least 1000 key changes, with 2 keys for each box door. Key each box differently and deliver keys to Owner with a record of each corresponding lock and key number.
 - 3. Opening machined in frame to accommodate an inside lock furnished by local postmaster.
- D. Concealed Components and Wall Receptacles: Manufacturer's standard aluminum or steel sheet construction.
- E. Directory: Manufacturer's standard directory unit in size and location as indicated and of same materials and finish as box frames, unless otherwise indicated.
- F. Aluminum Finish: Finish exposed-to-view surfaces as follows:
- 1. Satin aluminum, clear anodized.

2.4 PARCEL LOCKERS

- A. General: Provide parcel lockers in size and with features indicated. Comply with USPS Publication 15 and USPS Publication 18 for outdoor units.
- B. Compartment: Manufacturer's standard design fabricated from aluminum or steel sheet.
 - 1. Outdoor units have overhanging top for weather protection, designed and constructed to exclude dirt and moisture from inside compartment.
- C. Compartment Doors: One-piece extruded aluminum or aluminum plate.
 - 1. Identification: Match locker and key numbers as shown or, if not shown, as designated by USPS from manufacturer's standards.
 - 2. Locking: Dual-lock mechanism on each door that retains the tenant key until released by USPS control key. Door lock is a 5-pin cam lock, and key retainer lock is either an Arrow postal service lock or another USPS-approved lock.
- D. Rear Door or Cover: Design and construct to swing or slide open or be removed to permit parcel loading. Secure door in closed position by latch or other closing mechanism on outside of door and design to prevent opening from front of locker.
- E. Aluminum Finish: Finish exposed-to-view surfaces as follows:
 - 1. Satin aluminum, clear anodized.

2.5 KEY KEEPER

- A. Recessed Key Keeper: Provide recessed-mounted key keeper matching material and finish of mailboxes prepared for Arrow lock to be installed by USPS. Provide key keeper made by manufacturer of installed mailboxes.

2.6 METAL FINISHES

- A. Exposed Aluminum Finish: Manufacturer's standard matching the following BHMA finish code number, complying with ANSI/BHMA A156.18:
 - 1. Satin Aluminum, Clear Anodized: BHMA Finish Code No. 628.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install postal specialties level and plumb, according to manufacturer's written instructions, roughing-in drawings, original design, and referenced standards.
 - 1. Final acceptance depends on compliance with USPS requirements.

3.2 PROTECTION

- A. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensure postal specialties are without damage or deterioration at the time of Substantial Completion.

END OF SECTION